"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

Abs Jour: Ref Zhur-Khim., No 10, 1959, 35842.

341-403 kg/cm^2 and transverse to the fiber axis, 212-218 kg/cm^2; the corresponding values of the tensile strength are about 200 kg/cm^2 and 98-123 kg/cm^2, respectively; the compressive strength was found to vary between 495 and 705 kg/cm^2, depending on the direction in which the force was applied. The impact strength of AC is 2.5-5.1 kg/cm^2. Saturation with water lowers the mechanical properties of AC. The AC retain 20-25% water. Values for the thermal expansion coefficient and other thermotechnical properties of the AC are also given. -- Ya. Satunovskiy.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

ZHECHKOV, Georgi, inzh.; DIMITROV, Dimitur, inzh.

On the new Bulgarian State Standard 626-62: The Clay Hollow Bricks. Ratsionalizatsiia no.10:24-26 '62.

1. Nauchnoizsledovatelski stroitelen institut.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, Dimitur T., inzh.

Heat conductivity of light concretes. Stroitelstvo 11 no.6: 4-7 N-D '64.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

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KURMAKOV, E.; DIMITROV, E.

The 2d International Colloquy on Current Problems in Computing Technics. Fiz mat spisanie BAN 5 no.2:154-155 '62.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, Emanuil; SENDOV, Blagovest; SPIRIDONOV, V.

Axiomatics and automatic check of block diagrams. Godishnik fiz mat 56 no.1:185-190 '61/'62 [publ. '63].

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

[redacted]

[redacted]V, P.

Computation for cable transformers. p. 48.

[redacted] vol. 4, no. 12, 1955

Sofiya, Bulgaria

[redacted] EAST EUROPEAN ACCESSIONS LIST Vol. 5, no. 7, July 1956

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, F.

DIMITROV, F. Computing output transformers. p. 22. Vol. 5, no. 11, 1956
ELEKTROENERGIIA. Sofiia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol 6, No. 4--April 1957

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, F.

Let us restore the rose culture in the district of Sofia.
Priroda Bulg 11 no. 6:113-114 N-D '63.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

Country : BULGARIA
Category : Cultivated Plants. Potatoes. Vegetables. Melons. M

Abs Jour : RZhBiol., No 6, 1959, No 24880

Author : Matev, T.; Dimitrov, G.; Surlekov, P.
Inst : -
Title : Irrigation of Vegetable Cultures.

Orig Pub : Ovoshcharstvo i gradinarstvo, 1958, No. 6, 33-39

Abstract : No abstract.

Card : 1/1

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

COUNTRY : Bulgaria H-27
CATEGORY :

ABS. JOUR. : RZKhim., No. 1959, No. 88193

AUTHOR : Stefanova, M.; Dimitrov, G.
INST. :
TITLE : Experiments on Utilization of Soviet Strain of Yeast Sudak 5-VI in the Making of Bulgarian Champagne
ORIG. PUB. : Lozarstvo i vinarstvo, 1959, 8, No 1, 61-63

ABSTRACT : A confirmation of the data of O.P.Smul'skaya (see RZhKhim, 1956, No 17, 56577) concerning high quality of champagne produced by fermentation with Sudak 5-VI strain of yeast, as compared with use of other strains. Champagne fermented with Sudak 5-VI strain was more frothy, more effervescent, and was higher rated in gustatory tests, than champagene fermented with a mixture (1:1) of strains Moskovskaya and Eperni. -- I. Skurikhin

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

G. DIMITROV

"The workday and its role in the cooperative farms. p. 9. (KOOPERATIVNO ZEMEDELIE, Vol. 7, no. 6, Oct. 1952, Sofiya, Bulgaria.)

SO: Monthly List of East European Accessions, Vol. 2, No. 7, July 1953, Uncl.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, G.

"Effective Correlation of Personal and Public Interests in Collective Farms." p. 6.
(Kooperativno Zemedelie. Vol. (7) no. 11/12, 1952. Sofiya.)

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress, June 1954, Uncl.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, G.

Questions on utilizing tank landing operations. p. 61

ARMEISKI PREGLED. (Ministerstvo na narodnata otbrana) Sofiia, Czechlovakia.
Vol. 5, no. 6, 1958.

Monthly List of East European Accessions (EEAI). LC, Vol. 9, No. 2, Feb. 1960
Uncl.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, G.

Science and practice hand in hand. Nauka i tekhn mladezh 14 no.2:7 F '62.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, Georgi

Scientific and Technical Society successfully fulfills the functions of a technical council. Tekh delo 502 1: 7D '63.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, G. (Pleven)

Windows looking at the secrets of technical science. Nauka i tekh mladezh 14 no.5:22-23 My '62.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, G.

From the experience of the Khaskovo Okrug Party organization in its struggle for the socialist reorientation of farming, 1956-1958. Godishnik Min geol inst 8:229-244 '61-'62 [publ. '63]

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, G. (Kolarovgrad)

Evening of physics on the theme "Uncommon Natural Phenomena."
Mat i fiz Bulg 7 no.5:46-47 (64.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, G.Kh.; FRIDMAN, N.F.

Physical properties of Pre-Cambrian rocks in the middle Dniester Valley. Geofiz.sbor. no.1:124-126 '65.

(MIRA 18:12)

1. Kiyevskaya geofizicheskaya razvedochnaya ekspeditsiya tresta "Ukrgeofizrazvedka" i Institut geofiziki AN UkrSSR. Submitted May 12, 1964.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, G.V.; PETROV, P.N.

Molybdenum deposit in intrusive rocks. Trudy VITR no.4:201-208 '61. (MIRA 14:9)

(Molybdenum ores)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, G.Z.

DIMITROFF, George Zakhariyeff, 1901- ; NAVASHIN, M.S.[translator]; RAKHLIN, I.Ye., redaktor.

[Telescopes and accessories] Teleskopy i prinadlezhnosti k nim. Perevod s angliiskogo M.S.Navashina. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1947. 307 p. (MLRA 7:8)
(Telescope)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

RUMANIA/Farm Animals. Sheep and Goats. Q

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78763.

Author : Jitariu, P.; Dimitrov, H.; Bratianu, S; Zamfirescu, N.; Jitariu, M.; Boisteanu, I.; Agrigoroaie, St.; Baicu, V.; Mardare, Al.; Popescu, Ch.

Inst : Rumanian Academy.

Title : Results of Stimulation of Metabolism in Grey Sheep.

Orig Pub: Comun. Acad. RPR, 1957, 7, No 2, 233-242.

Abstract: For purposes of stimulating metabolism, corn and oats, iodized to Zamfirescu method, were introduced into the ration of 11 pregnant grey sheep, (7.27 g of iodine daily). This caused an increase of the intensity of metabolism, an

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78763.

increase of weight and a concentration of restored glutathione in the blood. Lambs from the tested sheep differed from lambs of the control group (10 grey sheep) by more intense pigmentation, with a higher live weight, more intense growth and higher viability. In the control group, 30% of the lambs were albinos and they were subsequently affected with tympanitis. There were no such lambs in the group tested. -- Ye. M. Berkovich.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, I.

New method for mechanized transportation of barn manure from the farms. p. 12.
(Mashinizirano Zemedelie, Vol. 8, no. 1, Jan. 1957, Bulgaria)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

USSR / Farm Animals. Honey Bee. Q

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40557.

Author : Dimitrov I.
Inst : Not given.
Title : The Use of Lactic Serum in the Fight Against the European and American Foul Brood.

Orig Pub: Zemledeliye i zhivotnovodstvo Moldavii, 1957, No 5, 29.

Abstract: The serum is boiled, filtered through gauze and, after cooling, is allowed to stand for 2 days at a temperature of 30-35°. To one liter of serum, 1.2 kg. of sugar are added and with the solution thus obtained the honeycombs, bees and walls of the hive are sprayed. According to the experience of Moldgooplemrassadnik, /transliteration/ such treatment is effective.

Card 1/1 68

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, IA.

"Complete fulfillment of the local industry plan for 1958."

p.5 (Leka Promishlenost, Vol. 7, no. 1, 1958, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, I.

"The youngest rationalizer in the Khristo Botev State Industrial Enterprise in Ruse."

p. 13 (Ratsionalizatsiia) Vol. 7, no. 6, June 1957
Sofiia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

PANOV, Pano, inzh.; DIMITROV, Ivan, inzh.

Modul of elasticity at stretched textolit and glasstextolit. Tekhnika 10 no.9:29-30 '61.

(Elasticity)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, IVAN.

BULGARIA / Cultivated Plants. Ornamental Plants. M

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34905

Author : Dimitrov, Ivan
Inst : Botanical Institute of the Bulgarian Academy of Sciences.
Title : A New Ornamental Plant.

Orig Pub : Izv. Botan. in-t Bolgr. AN, 1956, 483

Abstract : No abstract

Card 1/1

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

BULGARIA / Cultivated Plants. Fruits, Berries. M-7

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58779

Author : Dimitrov, Iv. Khr.; Dekov, Lyudmil. Ign.
Inst : Not given
Title : Uni Blanc as a Valuable Variety for the Vinicultural Industry of Bulgaria

Orig Pub : Lozarstvo i vinarstvo, 1956, 5, No 5, 267-370

Abstract : A detailed ampelographic description, an agrobiological and technological description of the variety brought into Bulgaria from France where it is known under the same name, is given. As a result of the study of the variety in the collection of the city of Pleven, it is recommended for many regions of Bulgaria as a valuable variety for table viticulture. It produces a good white wine. -- M. V. Motorina

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GAIDAROV, N.; MASLINKOV, Iv.; MONOV, Iv.; KHRISTOV, M.; KHARALANOV, St.; DIMITROV, I.

Mechanized harvesting of maize. Izv mekh selsko stop BAN 1:115-132 '61.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, IVAN

Vurshachki. Sofiia, Zemizdat, 1954. 155p. (Threshing machines) DA Not in DLC.
Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC Vol 7, no 1 Jan. 1958

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, IA.

"Profiling and specializing in the industrial combines; a guaranty for greater success."

p.4 (Leka Promishlenost, Vol. 7, no. 2, 1958, Sofiia, Bulgaria)

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APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

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DIMITROV, I.

DIMITROV, I. The best rationalizer in the Dunaviia State Canning Combine. p. 13.
Rationalizers rewarded with medals; the Avtomat Complex Rationalizers Brigade at the Kliment Voroshilov Plant. p. 14.
Rationalizers' competitions, special subjects of the thematic plan of the Elprom branch of the V. Kolarov, Plant. p. 16.

Vol. 6, No. 6, June 1956.
RATSIONALIZATSIIA
TECHNOLOGY
Sofiia, Bulgaria

So: East European Accession, Vol. 6, No. 2, Feb. 1957

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, I., inzh.; PEEV, N., inzh.

A dynamometric device for the traction tests of tractors. Mashinostroene 11 no.4:23-26 Ap '62.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, Iv.

Agricultural machines. Mashinostroene 11 no.7/8:33-35 Jl-Ag '62.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, I., inzh.; PEEV, N., inzh.

On the forms of blades, and the strength of plowshares according to the Bulgarian State Standard 2572-56. Ratsionalizatsiia no.6:32-35 '62.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, I., inzh.

Stability of the TL-30 tractor. Mashinostroene 11 no.9: 17-18 S '62.

1. NIIMM.

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DIMITROV, I., inzh.; IVANOV, Em., inzh.

Unification of the gearboxes of the class 0,9-ton tractors.
Rasionalizatsiia 13 no.1:30-33 '63.

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DIMITROV, I., inzh.

Construction of tractors, a new branch in the Bulgarian machine building industry. Tekh. delo 467:1 9 Mr '63.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

SIMEONOV, Kr., khim.; DIMITROV, I., inzh.

Studies on the Bulgarian radio ceramics with improved quality in a wide range of temperatures and frequencies. Mashinostroene 12 no.5:35-37 My '63.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, Ivan

The Lovech initiative in electric-power enterprises. Elektroenergiia 14 no.4:1 Ap '61.

1. Predsedatel na Profsuiuza na rabotnitsite od tezhkata promishlenost i elektrifikatsiia.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, I., inzh.

Height of poles, and its influence on the hauling capacity of tractors. Machinostroene 12 no.6:32-33 Je'63.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, I.; PETSEVA, O.; GRUEV, Iv.; TENEV, St.; STOIANOV, I.

Street accidents and their control. Khirurgiia, Sofia 8 no.1: 75-80 1955.

(ACCIDENTS,
traffic, prev. & control)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, I.

STAIKOV, M.; DIMITROV, I.

Problem of therapy of dislocations and fractures with special reference to diagnostic errors. Khirurgiia, Sofia 9 no.10:892-903 1956.

1. Vissh meditsinski institut-Sofiia.klinika po optopedii i travmatologiia.Direktor: prof. B. Boichev.

(FRACTURES,
diag. & ther. (Bul))
(DISLOCATIONS,
same))

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DIMITROV, I.

Interilio-abdominal amputation. Khirurgiia, Sofia 10 no.5:436-444 1957.

1. Vissh meditsinski institut - Sofiia Klinika po ortopediia i travmatologiia. Direktor: prof. B. Boichev.
(AMPUTATION,
interilio-abdominal (Bul))

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

BULGARIA/Diseases of Farm Animals - Diseases Caused by Bacteria and Fungi. R-2

Abs Jour : Ref Zhur - Biol., No 14, 1958, 64643

Author : Dimitrov, Dimit''r Iv.; Randev, Yordan N.

Inst :

Title : Leptospirosis in Farm Animals in the Varna District.

Orig Pub : Zhivotnov"dstvo i vet. delo, 1957, 11, No 9, 40-42.

Abstract : No abstract.

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APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

PETROV, M., Prof.; NOEV, K.; DIMITROV, Iv.; DOICHINOVA, N.; RACHEV, D.; BAITADZHIEVA, M.

Phlebitis and embolism in surgery, Khirurgiia, Sofia 11 no.5-6:527-529 1958.

(PHLEBITIS, surgery,
(Bul))
(EMBOLISM, surgery,
(Bul))

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

PETROV,M.,prof.; GIUROVSKI,Al.; DIMITROV,Iv.

Surgical approach to the retrostyloid space (spatium retrostyloideum). Khirurgiia,Sofia 13 no.2-3:313-315 '60.

1. Iz Katedrata po propedevtika na khirurgichnite zabolivaniia pri VMI - Sofiia.
(BRAIN surg.)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

PETROV,M.,prof.; DIMITROV,Iv.

On the diagnosis and therapy of thromboembolic disease in surgery.
Khirurgiia,Sofia 13 no.2-3:315-317 '60.
(THROMBOEMBOLISM)
(SURGERY OPERATIVE compl.)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

GEORGIEVA, Sl.; DIMITROVA, I.

Ichthyosis-like genodermatosis stimulating the so-called pustulosis subcornealis in combination with epilepsy. Dermato vener Sofia 2 no.3; 123-217 '63.

1. Iz Katedr[redacted]a po kozhni i venericheski bolesti pri VMI-Sofiia (rukov. na katedrata prof. Kr.Balabanov).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

MILCHEV,M.; DIMITROVA, L.

Bronchial adenoma. Khirurgiia (Sofiia) 16 no.10:917-923 '63.

1. Nauchno-izsledovatelski institut po tuberkuloza, Sofiia. Direktor: prof. St.Todorov.

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APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, Iv., inzh.

Conference of welding specialists. Ratsionalizatsiia 14 no.9:35 '64.

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PANOV, Pano, d-r inzh.; MELAMED, Zhuli, inzh.; DIMITROV, Ivan, inzh.

Peculiarities in constructing plastic articles. Tekhnika Bulg 13 no.9:1-3 '64.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

NIKOLOVA,L.; GRUEV, Iv.; DIMITROV,Iv.

Role of syncardial massage in combined therapy of endarteritis obliterans. Khirurgiia (Sofiia) 17 no.1:79-84 '64.

1. Vissh meditsinski institut, Sofiia; katedra po propedevtika na khirurgichnite zaboliavaniia. Rukovoditel na katedrata:prof. G.Kapitanov.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

Dimitrov, K.

BULGARIA / Cultivable Plants - General Problems.

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10662

Author : Iliyev, P., Popov, M., Mazhdrakov, P., Popov, Ye., Velikov, L., Kal'pchiyev, G., Ilchev, D., Dimitrov, K., Boyadzhiyev, V.

Inst : Institute of Biology, Bulgaria AN

Title : The Application of Methods of Stimulation in Agriculture and the Results of Experiments in 1954.

Orig Pub : Izv. In-fa biol. Blg. AN,1956, 7, 3-40

Abstract : A description is given of the results of experiments on stimulation of plant growth which have been conducted in Bulgaria since 1952. Stimulation of rice, sugar beet, corn, tobacco, and cotton by soaking the seeds in 2-3% potassium bromide solution of a 1% hydroquinone solution proved successful.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

BULGARIA/Cultivated Plants - Grains. M-2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29685

Author : Mitov, L., Dimitrov, K.

Inst : The Chirpan Scientific Research Institute for Cotton and the Institute for Biology, Bulgarian Academy of Sciences.

Title : The Results of Durum Wheat Seed Stimulation.

Orig Pub : Selskostop. mis"l, 1957, 2, No 4, 245-246 (bolg.).

Abstract : The experiments were made by the Chirpan Scientific Research Institute for Cotton together with the Institute for Biology of the Bulgarian Academy of Sciences on the stimulation of durum wheat seeds. The treatment of the seeds for a period of 6 hours in solutions of 2% hydroquinone, hydroquinone + $CuSO_4$, 3% KB_2 + 1% diastase indicated no biological effect and did not increase the durum wheat yield.

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BULGARIA/Cultivated Plants - Grains. M-2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29721

Author : Dimitrov, K.

Inst : Institute for Biology of the Bulgarian Academy of Sciences

Title : Three Years of Experimentation on Corn Seed Stimulation.

Orig Pub : Selskostop. nis"l, 1957, 2, No 2, 78-99 (bolg.).

Abstract : A description of the numerous experiments of the Institute for Biology of the Bulgarian Academy of Sciences and the Institute for Systematology of the Agricultural Ministry in corn seed stimulation with solutions of KBr and Na_2SO_4. All experiments showed a complete absence of any influence through the treatment on the corn seeds. The instructions made by the Agricultural Ministry of Bulgaria to the fact that corn seed stimulatinn yields an increase in the harvest are based 29% on the data of tests made in

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BULGARIA/Cultivated Plants - Grains. M-2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29721

1952, which have demonstrated most dubious results.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

BULGARIA / Farm Animals. Q-2

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 45199

Author : Dimitrov, K.
Inst : Not given
Title : The Male Sex Organs in the Buffalo; Penis, Accessory Sex Glands and Urethra.

Orig Pub : Nauch. tr. Vissh. veterinarnomed. in-ta, 1953 (1954), 2, 175-194

Abstract : No abstract.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV K

Q

BULGARIA/Farm Animals. Cattle.

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16783.

Author : Dimitrov K.
Inst :
Title : The Influence of Age on Micromorphological and Functional Transformation of the Accessory Sexual Glands of Cattle
(Vliyaniye vozrasta na mikromorfologicheskuyu i funktsional'-nuyu perestroyku pridatochnykh polovykh zhelez krupnogo rogatogo skota)

Orig Pub: Nauch. tr. Vissh. veterinarnomed. in-ta, 1953 (1954), 2, 195-205.

Abstract: The histological structure of the accessory sexual glands (gl. prostate, gls. vesiculosae, gls. bulburethrales) in buffaloes and bulls of different ages (2-8 years) is

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

BULGARIA/Farm Animals. Cattle. Q

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16783.

described. The changes of the morphology of protoplasm and of nuclei of the glandular cells were determined, and the structure of corpus prostatae in the bull is described. According to the author's opinion, c. prostatae performs the function of the prostate gland. In buffalo, c. prostatae is either deficient or is in an almost atrophied state.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, K.

Monev, I. Well-tended rams mean more sheep with better fleece. p.24.
KOOPERATIVNO ZEMEDELIE, Sofiya, Vol. 11 no. 2, Feb. 1956

SO: Monthly List of East European Accessions, (EEAK), LC, Vol. 5, No. 6 June 1956, Encl.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

BULGARIA/Farm Animals. - Small Horned Stock Q-3

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26169

Author : Dimitrov Kosta, Tankov Stoyan
Inst : Not Given
Title : Artificial Insemination of the Sheep of s. Sydiyevo (Iskusstvennoye osemeneniye ovets v s. Sydiyevo)

Orig Pub : Kooperat. zemledeliye, 1957, No 6, 24-25

Abstract : The local Novozagorsk sheep yeilds 2.25 kg. of wool per year. Due to crossbreeding with the Merinofleisch breeds (Precoce and Caucasian Merino), the average wool yeild of hybrids of the first generation increased up to 2.286 kg., and that of hybrids of the second generation up to 2.48 kg. The sheep, the heat of which continues on the second day after insemination, must be inseminated again. As a consequence of the correct procedure in artificial insemination, and proper preparation for mating, barenness of the sheep does not exceed 3%. Of 100 ewes, 117 lambs were obtained.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, K.

Labor planning in mining and nonferrous metallurgy. Min delo 18 no.8:30-34 Ag '63.

1. Upravlenie "Tsvetna metalurgiia i rudobobiv".

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, Kir.

Bromination of thymine and 1,3-dimethylthymine in alcoholic solution. [illegible] and Kir. Dimitrov. (Compt. rend. acad. bulgare Sci., 9, No. 1, 17-20, 1956) (German summary).—Thymine (I) and 1,3-dimethylthymine (II) are brominated directly in MeOH and EtOH at low temp. to yield probably 4-methoxy-5-bromodihydrothymine (crystals from aq. MeOH, decomp. 205°, 81.6% yield), and 4-ethoxy-5-bromodihydrothymine (crystals from aq. EtOH, m. 208° (decompn.), 61.8% yield); 4-methoxy-5-bromo-1,3-dimethyldihydrothymine (crystals from H_2O, m. 135°, 88.7% yield), and 4-ethoxy-5-bromo-1,3-dimethyldihydrothymine (crystals from H_2O, m. 133–134°, 57.3% yield). No structure proofs are given. Ivan Piseltikow

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, KH.

Contact conversion of hydrocarbon on the surface of aluminosilicate catalyzers. p. 86 Khimiia I Industriia Vol. 30, No. 3, 1958. Sofiia Bulgaria

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 10, Oct. 58

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

B-9

COUNTRY : Bulgaria
CATEGORY :

17062

ABS. JOUR. : RZKhim., No. 5 1960, No.

AUTHOR : Dimitrov, Kh.
INST. : Sofia University
TITLE : The Catalytic Conversion of Individual Alkylaromatic Hydrocarbons in the Presence of Silica-Alumina Catalysts
ORIG. PUB. : Godishnik Sofiysk Univ, Fiz-Matem Fak, 51, No 3, 155-227, 1956-1957 (1958)
ABSTRACT : The decomposition reactions of a series of alkylaromatic hydrocarbons over a washed silica-alumina cracking catalyst of the Houdry type have been investigated at space velocities of 0.8-4.0 hr^{-1} and 330-550° and values for the apparent energy of activation have been calculated and are given below (in kcal/mol): for ethylbenzene 50.0, n-propylbenzene 34.0, n-butylbenzene 33.0, o-chlorocumene 24.2, -chlorocumene 21.5, sec-butylbenzene 19.0, isopropylbenzene 17.5, m-cymene 14.0, p-cymene

CARD: 1/3

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

COUNTRY : Bulgaria
CATEGORY : B-9

ABS. JOUR. : RZKhim., No. 5 1960, No. 17062

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : 15.0, ter-butylbenzene 12.7, and o-cymene 12.0. The principal reaction appears to be the elimination of the alkyl group with the formation of the corresponding olefins and benzene from monoalkylbenzenes, of toluene from cymenes, or of chlorobenzene from chlorocumene. p-diisopropylbenzene apparently decomposes in a series of steps with the intermediate formation of cumene and later of benzene. Hydrogen redistribution reactions, isomerization reactions, and polymerization reactions

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

CATEGORY : Bulgaria B-9

ABS. JOUR. : RZKhim., No. 5 1960, No. 17062

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : apparently occur to only limited extents. The kinetics of the reaction fit the Frost equation for first-order surface reactions inhibited by reaction products. The extent and rate of conversion depend on the length and structure of the side chains as well as on the nature and position of the second substituent in the benzene ring. The author indicates that the experimental data confirm the postulated ionic mechanism for the catalytic cracking reaction.

V. Vasserberg

CARD: 3/3

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, Khr.

The interaction of 2,4-dioxo-1,2,3,4-tetranydropyridines with bromine in alcoholic solution. III. The structure and some conversions of bromohydroxydihydrothymine and bromoalkoxydihydrothymine. Khr. Dimitrov and B. Kurtev. *Compt. rend. acad. bulgare sci.* 11, 497–500(1958)(in Russian) (German summary); cf. *C.A.* 49, 7574b.—The structure of 5-bromo-6-hydroxydihydrothymine (I) was proved by conversion to 5-bromo-5-methylbarbituric acid with $KMnO_4$ (yield 23%). I was converted into its Et ether (yield 56%). The Me and Et ethers of I were changed to thymine by HCl, HBr, and NaOH. I was also hydrolyzed to thymine by HCl and HBr. A mechanism for this change was proposed. The Me ether of I was converted into bis(6-methoxydihydro-5-thymyl) ether in 90% yield, m. 203–4° (decompn.), and into 5-cyano-6-methoxydihydrothymine in 49% yield, darkened at 280°, m. 300° (decompn.).

M. J. Newlands

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, K.

Distr: 4E3d

Kinetics of catalytic cracking of the kerosine-gas oil fraction of Tjulenovo crude oil. Khr. Dimitrov. *Compt. rend. acad. bulgare sci.* 12, 49–52(1959)(in German).—The catalytic cracking of a kerosine-gas oil fraction from the highly naphthenic Tjulenovo crude oil with a Houdry Al silicate catalyst was studied in the lab. The activation energy for the cracking process was calcd. to be 13,700 cal./mole. The amt. of aromatic and unsatd. hydrocarbons in the product increased with the cracking temp. and contact-time. H and C_1-hydrocarbons predominated in the off-gases.

R. O. Bender

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, K

Distr: 4E3d

Kinetics of the repeated cracking of the kerosine-gas oil fraction of Tyulenovo crude oil. Khr. Dimitrov and D. Shopov. *Compt. rend. acad. bulgare sci.* 12, 153-5(1959) (in English).—The rate of decompn. of the kerosine-gas oil fraction of Tyulenovo crude oil decreased with the deepening of catalytic cracking. The apparent activation energy of the 2nd cracking pass was 15,500 cal./mol. From a crude oil which had yielded 31% of gasoline in the 1st cracking pass over a Houdry-type silica-alumina catalyst, an amt. of gasoline equiv. to an addnl. 21% of the original oil was obtained by a 2nd cracking pass at 510°. The gasoline from the 2nd pass is rich in aromatic hydrocarbons. Cracking at 410–510° increases the yield proportional to the temp., but the yield is lowered when the space velocity is increased. n and d. of the gasoline also increase with temp. and decrease with increasing space velocity, whereas the trend for the aniline points is reversed. The product obtained at 510° and a space velocity of 0.6/hr. had n_D^{20} 1.4504, d_4^{20} 0.7081, and an aniline point of 23.3°; it was obtained in 29.6% yield from the charge to the 2nd cracking pass.

Keith Coad

Card 1/1 aht

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

S/081/62/000/008/037/057
B156/B101

AUTHORS: Dimitrov, Khr., Ivanov, V.

TITLE: The catalytic cracking of heavy fractions produced in the coking of petroleum asphalt from the Tyulenovo field in Bulgaria

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 8, 1962, 475, abstract 8M131 (Godishnik Sofiysk. un-t. Fiz.-matem. fak., v. 52, no. 3, 1957-1958 (1959), 161-168)

TEXT: The process of cracking the 205-330°C and 205-450°C fractions from the distillate obtained when coking petroleum asphalt from the Tyulenovo field in the presence of an industrial aluminum silicate catalyst was investigated at 500°C and a volumetric rate of 0.6 hours^{-1}. It was established that the yield of gasoline from the 205-330°C fraction is 29% in the 1st stage, 22% in the 2nd stage and 18% in the 3rd stage (of the initial raw material). As well as raising the yield of gasoline, multi-stage cracking also improves its properties. The aromatic hydrocarbon content of the gasoline rises from 13 to 45%. It was established by gas

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The catalytic cracking of ...

chromatography that the principal components of the gasoline are the C_3 and C_4 hydrocarbons, while the C_3H_6 content reaches 49%. Analogous results were obtained when cracking the 205-450°C fraction. [Abstracter's note: Complete translation.]

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, Khr.; PETSEV, N.

On the chemical composition of the benzine obtained through the coking of the asphalt of the Tyulenovo naphthene aromatic naptha. I. Chromatographic separation of benzine. Godishnik khim 54 no.3: 47-54 1959/60 (pub. '61) (EEAI 10:9)

(Ligroine) (Asphalt) (Naphthenes)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, Khr.; GALPERN, G. D.; KISLINSKI, A.N.; IVANOV, V.

On the chemical composition of the benzine obtained through the coking of the asphalt of the Tyulenovo naphthene aromatic naphtha. II. Individual composition of the fractions boiling in the interval 22-60°C. Godishnik khim 54 no.3:67-73 1959/60 (pub. '61)
(EEAI 10:9)

(Ligroine) (Asphalt) (Naphthenes)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, Khristo

Some experiments in physics. Mat i fiz Bulg 5 no.2:57-58 Mr-Ap '62

1. VIII u-shte, Sofia

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, Khr.; STOILOVA, Kr.; PETSEV, N.

Chemical composition of the gasoline obtained through the coking of the asphalt of the Tylenovo aromatic naphtha. Pt.3. Godishnik khim 55 no.3:23-32 '60/61 (publ.'62).

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410410015-5

DIMITROV, Kh.; PETSEV, N.

Dealkylation of O-isopropylphenol, and its kinetics. Doklady BAN 16 no.5:525-528 '63.

1. Sofiyskiy universitet, Kafedra org. khimii. Predstavleno akad. D. Ivanovym.

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